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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,377	08/24/2001	Walid S.I. Ali	US 010194	1558

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

AHMED, SAMIR ANWAR

ART UNIT PAPER NUMBER

2623

DATE MAILED: 12/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Response to Rule 312 Communication	Application No.	Applicant(s)	
	09/938,377	ALI, WALID S.I.	
	Examiner	Art Unit	
	Samir A. Ahmed	2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☒ The amendment filed on 24 August 2005 under 37 CFR 1.312 has been considered, and has been:

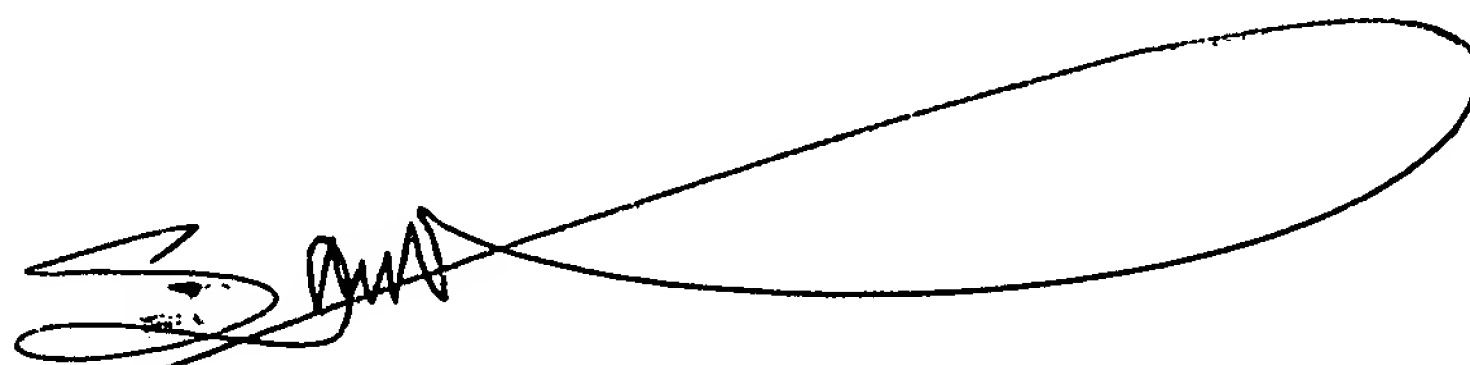
- a) ☐ entered.
- b) ☐ entered as directed to matters of form not affecting the scope of the invention.
- c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☒ entered in part. See explanation below.

The amendment to the specification (page 2) and the drawings replacement sheet 2/4, will be entered. The amendment to the claims that starts on pasge 3 will not be entered for the following reasons: the amendment to claims 5 and 31 by changing the Lth order to 2nd order (2) in the evaluation F not only changes the scope of the claims but also renders the claims indefinite because claim 5 on line 3 recites an Lth order while the equation is a 2nd order.


SAMIR AHMED
PRIMARY EXAMINER



REPLACEMENT SHEET

approved, ok to
enter
S A
12/21/05

2/4

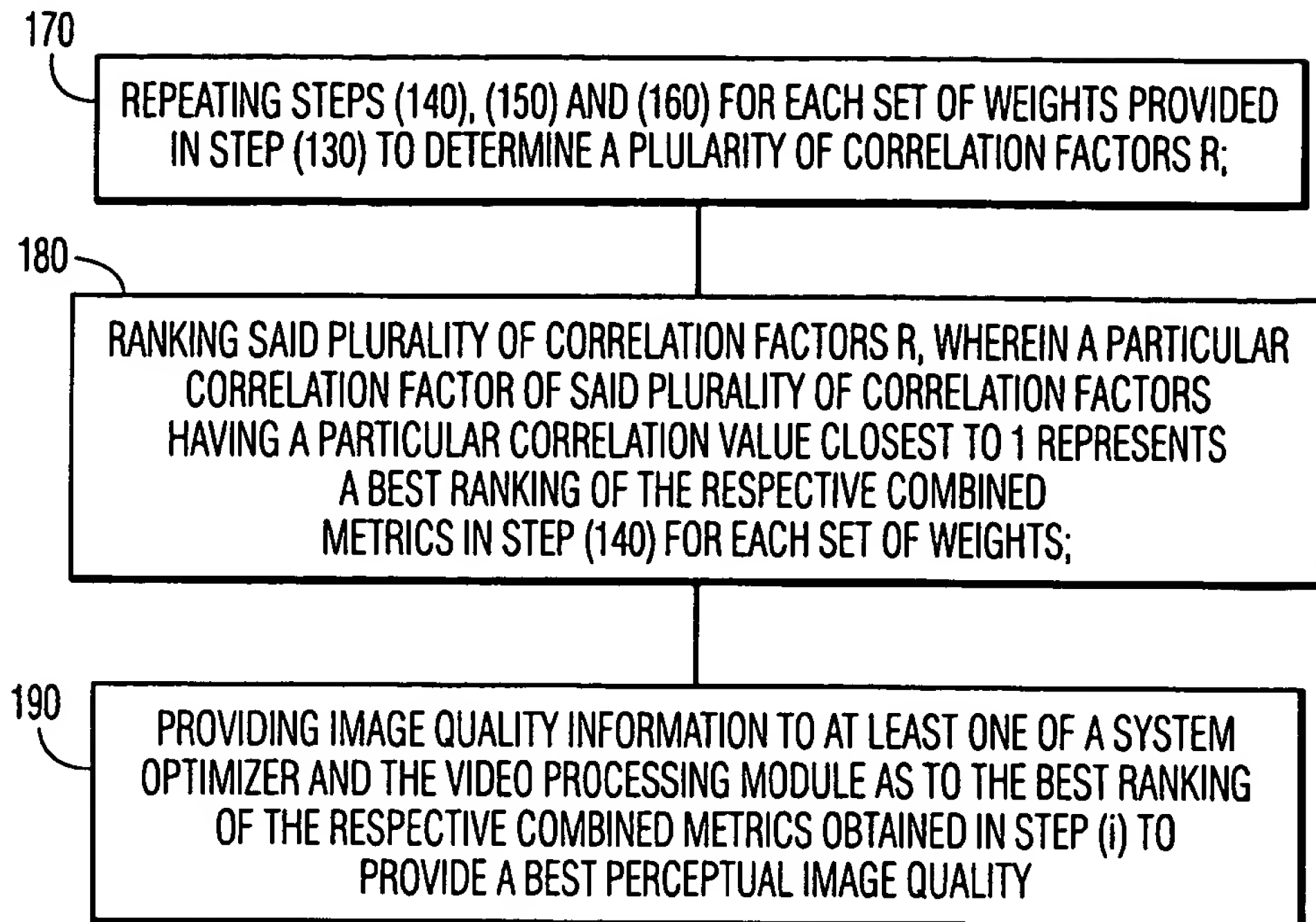


FIG. 1B

WHEN A PREDETERMINED NUMBER OF SETS OF METRICS = n , THE QUADRATIC MODEL TO OBTAIN THE OBJECTIVE EVALUATION F IS:

$$F = \left(\sum_{i=1}^n w_i x_i \right)^2, \text{ WHEREIN "n" IS A NON-ZERO VALUE.}$$

FIG. 1C

WHEN A NUMBER OF THE SET OF METRICS = 4, THEN THE QUADRATIC MODEL TO OBTAIN THE OBJECTIVE EVALUATION F IS:

$$F = w_1 x_1^2 + w_2 x_2^2 + w_3 x_3^2 + w_4 x_4^2 + w_5 x_1 x_2 + w_6 x_1 x_3 + w_7 x_1 x_4 + w_8 x_2 x_3 + w_9 x_2 x_4 + w_{10} x_3 x_4$$

FIG. 1D